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Jameco Part Number
150535

PICProto S1 Prototyping Board

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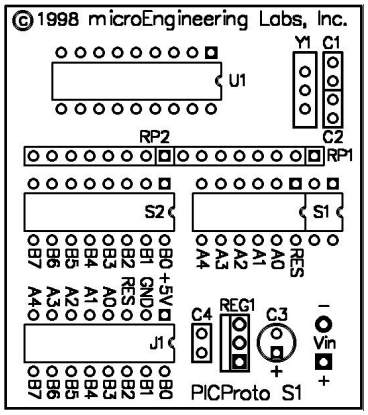
- High quality double-sided board
- Solder mask both sides
- Switchable pull-up resistors
- Connector to solderless breadboard
- Overall dimensions 1.9" X 2.15"



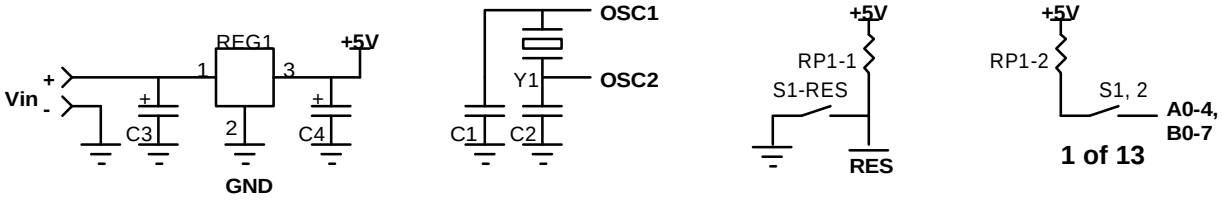
U1 - 18-pin PICmicro microcontroller
Y1 - 4Mhz crystal or ceramic resonator
C1, 2 - 22pf oscillator capacitors
C3 - 10uf input capacitor
C4 - .1uf bypass capacitor
REG1 - 5 volt regulator
RP1, 2 - 7x10K bussed resistor packs
S1 - 6- or 8-position DIP switch
S2 - 8-position DIP switch
J1 - 16-pin DIP socket

+5V - plus 5 volts
GND - ground
RES - /Reset (/MCLR)
A0-4 - PORTA, pins 0-4
B0-7 - PORTB, pins 0-7

Notes:

Pin 1 is marked with a square pad.
Note polarity of Vin, REG1, resistor packs, and any polarized capacitors.
J1 may connect to a solderless breadboard with a DIP jumper.
DIP switches S1 & S2 connect a pull-up resistor to any I/O pin.
DIP switch S1-RES will reset the PICmicro.
Application information can be found in "Easy PIC'n" and "PIC'n Up the Pace" from Square 1 Electronics (or us).

Schematic:



Sources:

PICmicro documentation is available from:
Microchip Technology Inc.
2355 West Chandler Blvd.
Chandler AZ 85224-6199
(602) 786-7200
www.microchip.com

Easy PIC'n and PIC'n Up the Pace is available from us or:
Square 1 Electronics
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